

**Amendments to the Claims:**

This listing will replace all prior versions and listings of claims in the application:

**Listing of the Claims:**

1. – 21. (Canceled)

22. (Currently amended) A computer system for monitoring or managing life expectancy of a patient comprising:

a computer memory storing (i) health profile data comprising medical history data describing said patient, and (ii) a patient-specific life expectancy potential (LEP) model determined in dependence on said patient's stored health profile data and comprising life expectancies for said patient and life expectancy importance factors assigned to specific health profile data elements; and

at least one computer processor operatively coupled to said memory with prediction modeling logic for performing steps comprising:

creating initially said patient-specific LEP model by correlative analysis of said patient's stored health profile data and a medical information bank, said medical information bank is at least one selected from the group consisting of: demographic, geographic, medical, and lifestyle information describing members of a population of a community of which said patient is a member;

querying said patient-specific LEP model to determine a life expectancy for said patient should a selected future event occur in said patient's life; and

updating said patient-specific LEP model upon addition of information to said patient's stored health profile data, to said information bank or to a combination thereof, said updating comprising further correlative analysis of said patient's stored health profile data and said information bank,

wherein each of said life expectancy importance factors represents the percentage contribution to said life expectancy potential made by said specific health profile data element; and

wherein each of said life expectancy importance factors is initially assigned a value based on statistical data, and wherein said value of each of said life expectancy importance factors changes according to the correlation of said patient's stored health profile data with said information bank.

23. (Previously presented) The computer system of claim 22 wherein said patient medical history data is at least one selected from the group consisting of: birth data, pediatric data, adulthood health data, health data generated from said patient's visit to a healthcare provider, health data generated from medical therapy, health data generated from surgical treatment, and health data generated from psychiatric therapy.

24. (Previously presented) The computer system of claim 22 wherein said information added to said patient's stored health profile data is at least one selected from the group consisting of: said patient's chronic or acute disease events, and said patient's lifestyle changes and choices.

25. (Previously presented) The computer system of claim 22 wherein said information added to said patient's stored health profile data is at least one selected from the group consisting

of: developments or discoveries relating to health matters, and medical information describing new members of said community.

26. (Previously presented) The computer system of claim 22 wherein said computer processor comprises a microprocessor.

27. (Previously presented) The computer system of claim 22 wherein said future event is at least one selected from the group consisting of: changes in said patient's lifestyle, changes in said patient's diet, and changes in said patient's medication intake.

28. (Previously presented) The computer system of claim 22 further comprising means for providing secure access only to said health profile data.

29. (Currently amended) A portable electronic device for monitoring or managing life expectancy of a patient comprising:

a computer memory having encoded therein:

health profile data comprising medical history data describing said patient, and

a patient-specific life expectancy potential (LEP) model determined in dependence on said patient's stored health profile and comprising life expectancies for said patient and life expectancy importance factors assigned to specific health profile data elements, said LEP model being created initially by correlative analysis of said patient's stored health profile data and a medical information bank, said medical information bank is at least one selected from the group consisting of: demographic, geographic, medical, and lifestyle information describing members of a population of a community of which said patient is a member; and

an I/O interface permitting external access to said computer memory for:

querying said specific LEP model to determine expected effects on said patient of a proposed or actual alteration and events in said patient's life; and

updating said specific LEP model upon addition of information to said patient's stored health profile data and/or to said information bank, said updating comprising further correlative analysis of said patient's stored health profile data and said information bank,

wherein each of said life expectancy importance factors represents the percentage contribution to said life expectancy potential made by said specific health profile data element;  
and

wherein each of said life expectancy importance factors is initially assigned a value based on statistical data, and wherein said value of each of said life expectancy importance factors changes according to the correlation of said patient's stored health profile data with said information bank.

30. (Previously presented) The portable electronic device of claim 29 wherein said computer memory further encodes access control data.

31. (Previously presented) The portable electronic device of claim 30 wherein said access control data is at least one selected from the group consisting of: fingerprint identification data, footprint identification data, DNA identification data, imagery identification data, and password data.

32. (Previously presented) The portable electronic device of claim 29 wherein said information added to said patient's stored health profile data is at least one selected from the

group consisting of: developments or discoveries relating to health matters, and medical information describing new members of said community.

33. (Currently amended) A method for monitoring or managing life expectancy of a patient comprising:

creating initially a patient-specific life expectancy potential (LEP) model by correlative analysis of said patient's stored health profile data and a medical information bank, said medical information bank is at least one selected from the group consisting of: demographic, geographic, medical, and lifestyle information describing members of a population of a community of which said patient is a member, said patient-specific LEP model determined in dependence on said patient's stored health profile describing life expectancies for said patient and life expectancy importance factors assigned to specific health profile data elements, and said creating comprising computer execution of a plurality of computer instructions;

querying said patient-specific LEP model to determine a life expectancy for said patient should a selected future event occur in said patient's life, and said querying comprising computer execution of a plurality of computer instructions; and

updating said patient-specific LEP model upon addition of information to said patient's stored health profile data and/or to said information bank, said updating comprising computer execution of a plurality of computer instructions that perform correlative analysis of said patient's stored health profile data and said information bank,

wherein each of said life expectancy importance factors represents the percentage contribution to said life expectancy potential made by said specific health profile data element;  
and

wherein each of said life expectancy importance factors is initially assigned a value based on statistical data, and wherein said value of each of said life expectancy importance factors

changes according to the correlation of said patient's stored health profile data with said information bank.

34. (Previously presented) The method of claim 33 wherein said future event is at least one selected from the group consisting of: changes in said patient's lifestyle, changes in said patient's diet, and changes in said patient's medication intake.

35. (Previously presented) The method of claim 33 wherein said LEP model comprises an initial life expectancy potential determination and one or more life expectancy importance factors assigned to specific health profile data elements, and wherein said correlative analysis comprises dynamically deriving said importance factors from correlation of said patient's stored health profile data to said information bank.

36. (Previously presented) The method of claim 35 wherein said querying said LEP model comprises reducing said initial life expectancy potential determination by amounts dependent on said life expectancy importance factors assigned to said future event.

37. (Currently amended) The method of claim 33 further comprising:  
querying said patient-specific LEP model to determined expected alternative life expectancies in case of selected changes in said patient's lifestyle, on changes in said patient's diet, changes in said patient's medication intake, or any combination thereof; and  
recommending to said patient suitable changes in lifestyle, diet, medication intake or any combination thereof that advantageously effect said patient's expected life expectancy.

38. (Previously presented) The method of claim 37 further comprising querying said patient-specific LEP model to determine an expected life expectancy of said patient in the absence of future changes.

39. (Previously presented) The method of claim 38 wherein an advantageous effect on said patient's expected life expectancy comprises an expected life expectancy greater than said expected life expectancy in the absence of future changes.

40. (Previously presented) The method of claim 33 further comprising the step depositing the health profile data of a new member of said community in said information bank.

41. (Currently amended) A computer memory comprising encoded instructions for causing a computer processor to:

create initially a patient-specific life expectancy potential (LEP) model by correlative analysis of said patient's stored health profile data and a medical information bank, said medical information bank is at least one selected from the group consisting of: demographic, geographic, medical, and lifestyle information describing members of a population of a community of which said patient is a member, said patient-specific LEP model determined in dependence on said patient's stored health profile describing life expectancies for said patient and life expectancy importance factors assigned to specific health profile data elements, and said creating comprising computer execution of a plurality of computer instructions;

query said patient-specific LEP model to determine a life expectancy for said patient should a selected future event occur in said patient's life; and

update said specific LEP model upon addition of information to said patient's stored health profile data and/or to said information bank, said updating comprising further correlative analysis of said patient's stored health profile data and said information bank,

wherein each of said life expectancy importance factors represents the percentage contribution to said life expectancy potential made by said specific health profile data element;  
and

wherein each of said life expectancy importance factors is initially assigned a value based on statistical data, and wherein said value of each of said life expectancy importance factors changes according to the correlation of said patient's stored health profile data with said information bank.

42. (Previously presented) The computer memory of claim 41 further comprising encoded information describing the following:

health profile data comprising medical history data of said patient, and

a patient-specific life expectancy potential (LEP) model comprising life expectancies now expected for said patient after taking account of the events described in said patient's stored health profile, said LEP model being created initially by correlative analysis of said patient's stored health profile data and a medical information bank, said medical information bank is at least one selected from the group consisting of: demographic, geographic, medical, and lifestyle information describing members of a population of a community of which said patient is a member.

43. (Currently amended) The computer system of claim 22, wherein said memory further comprises:

encoded information describing an I/O interface permitting external access to said computer memory for querying said patient-specific LEP model to determine expected effects on



Serial No. 09/709,233  
Art Unit: 3626

Attorney Docket No. 158.7019USU

said patient of a proposed or actual alteration and events in said patient's life; and updating said patient-specific LEP model upon addition of information to said patient's stored health profile data and/or to said information bank, said updating comprising further correlative analysis of said patient's stored health profile data and said information bank.